

Fig. 1

**A**

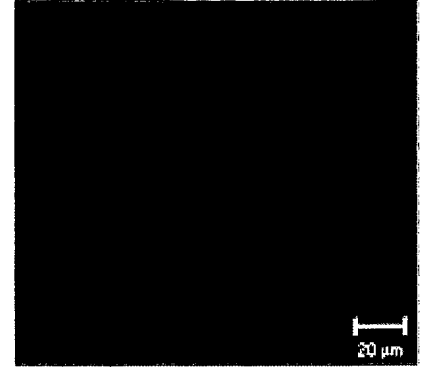
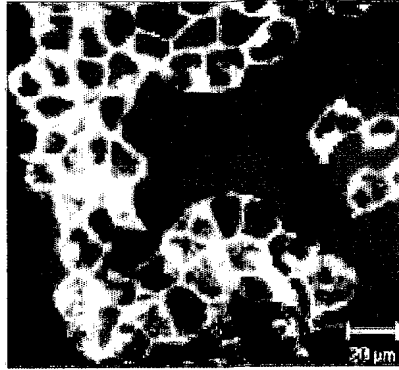
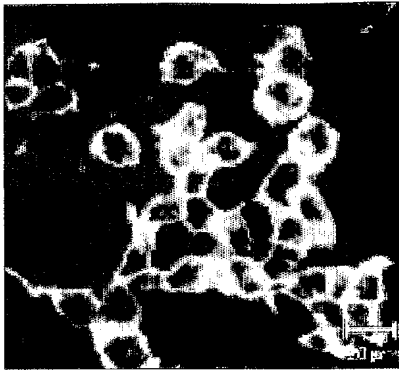
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HEK293

mTLR2

hTLR2

Vector

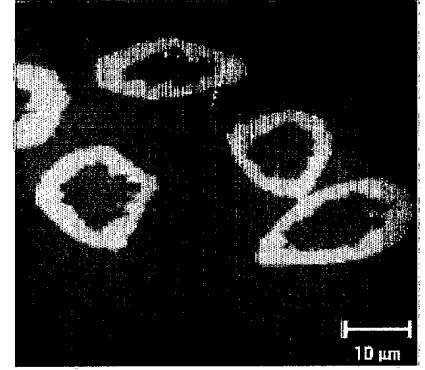
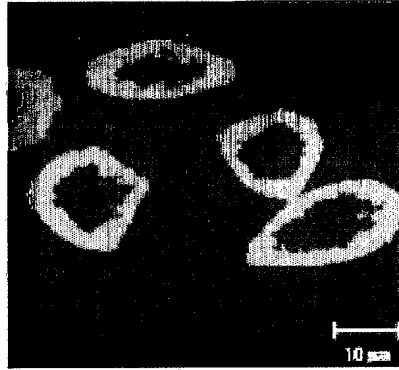
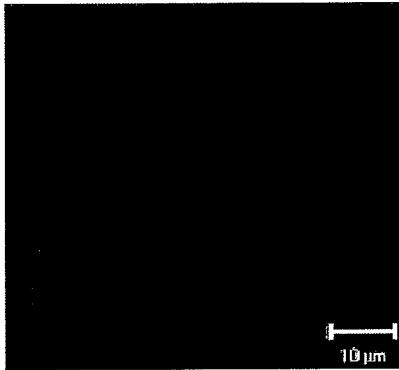
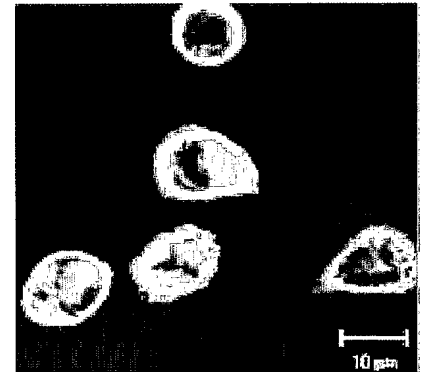
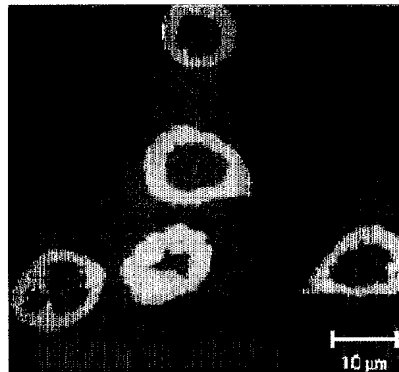
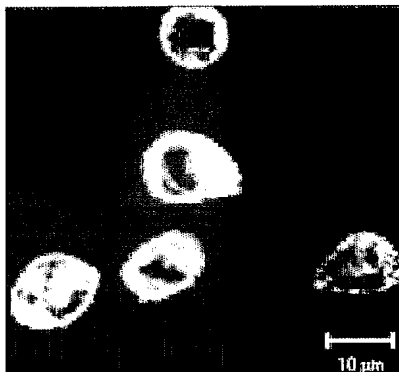
**B**

Macrophages

T2.5

ConA

Overlay

Mouse  
*TLR2<sup>-/-</sup>*Mouse  
*TLR2<sup>+/+</sup>*

Human

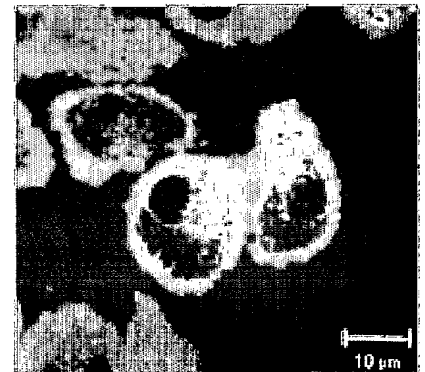
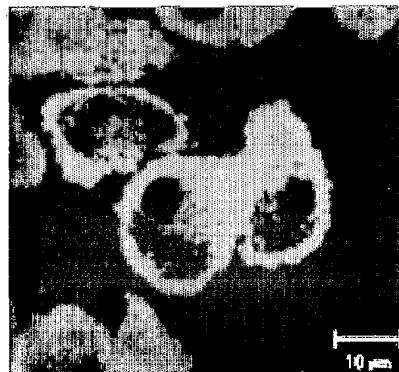
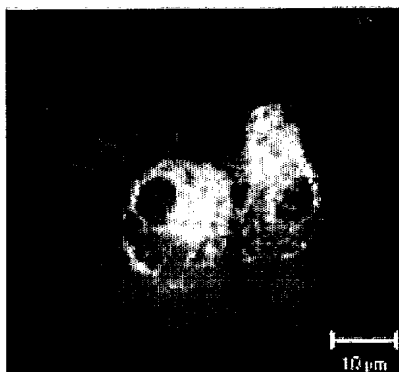
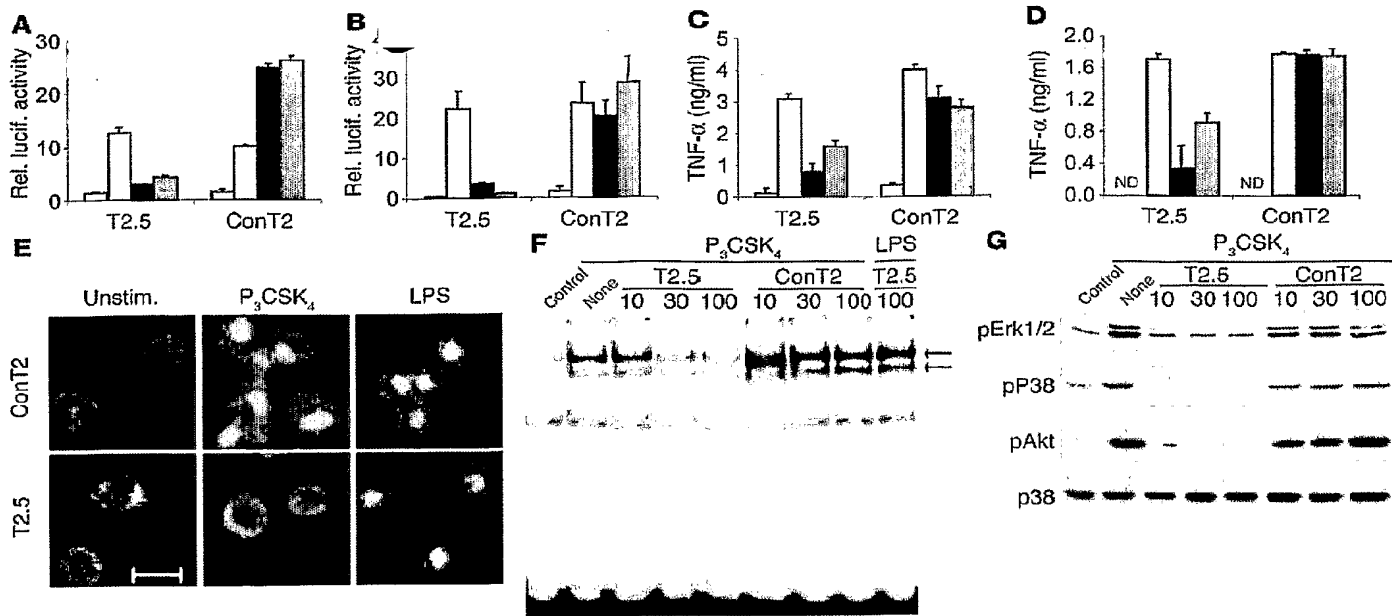


Fig. 2



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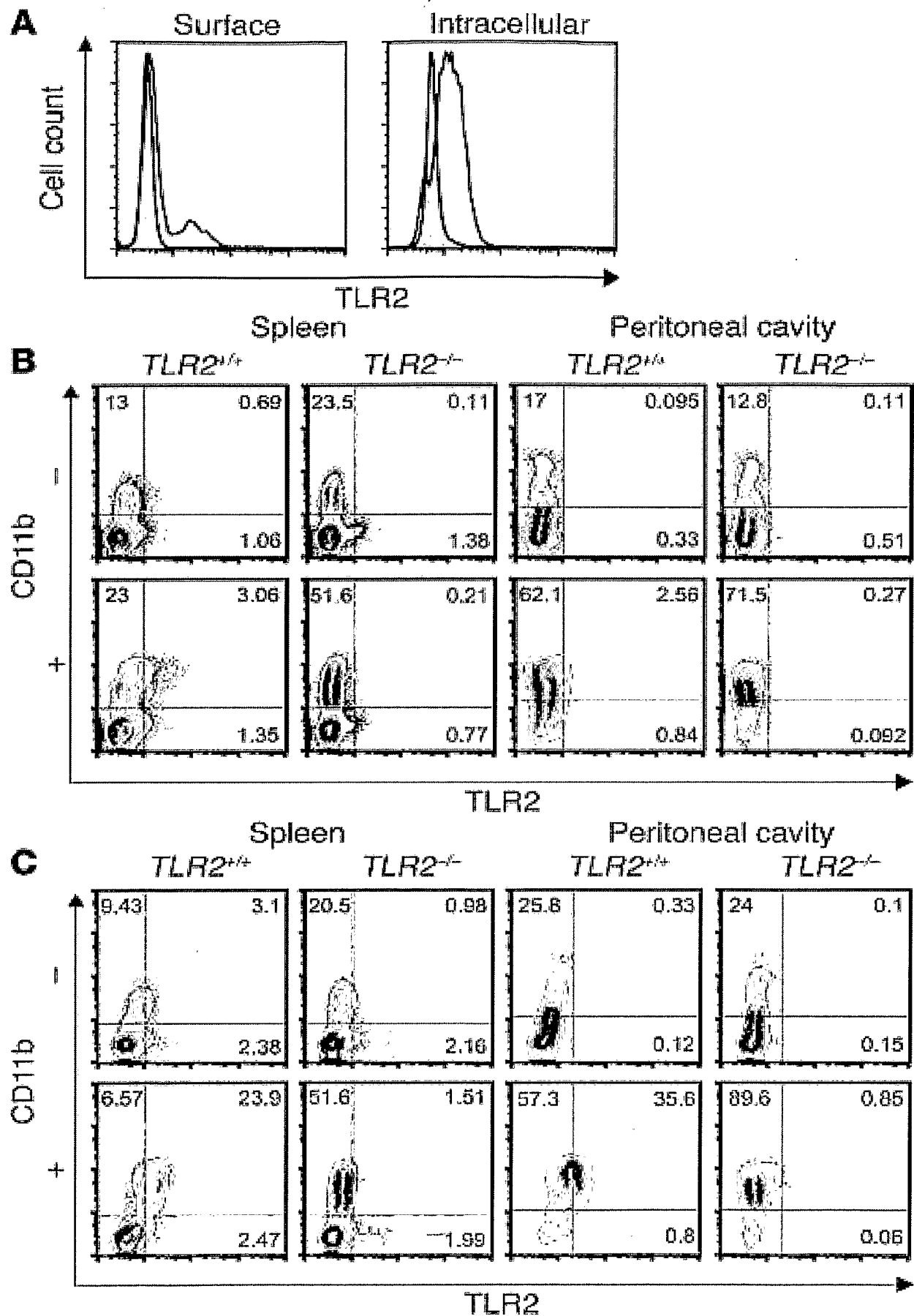


Fig. 4

Fig. 5

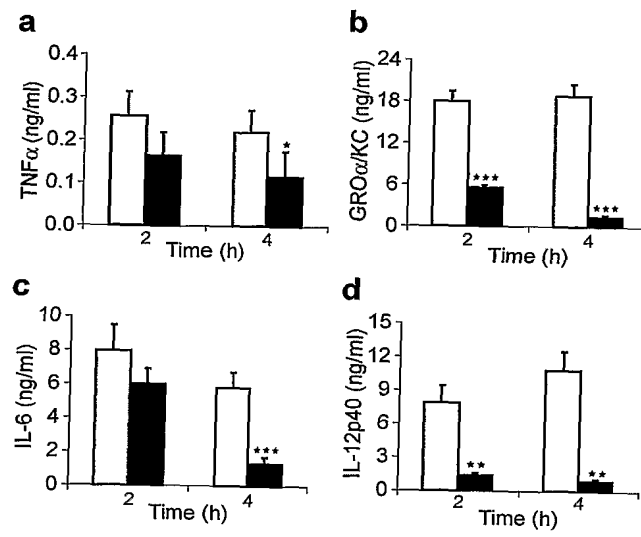


Fig. 6

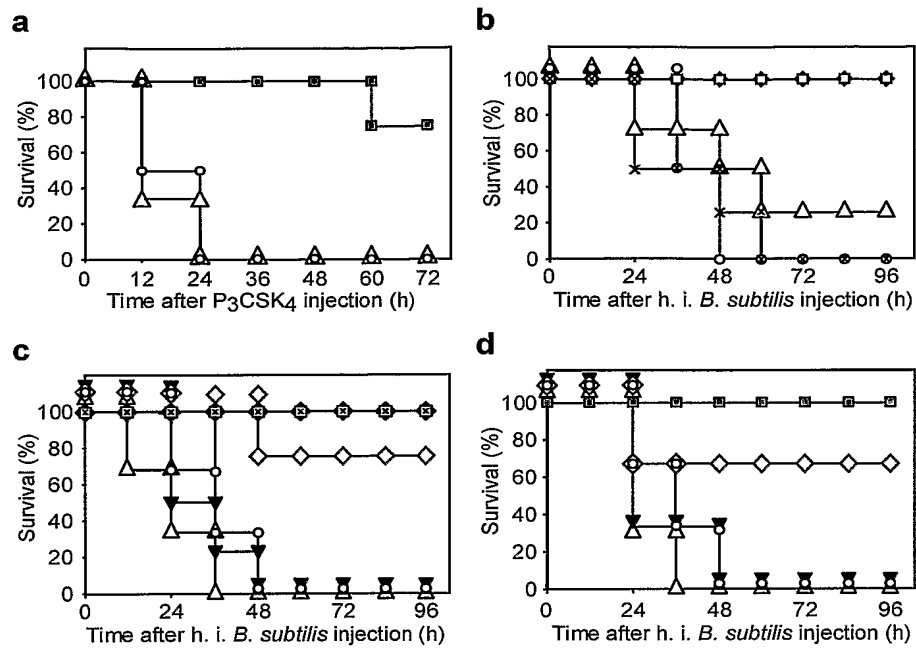


Fig. 7

Filled, 2nd Ab alone; Thin line, TL2.1; Thick line, mT2.5.

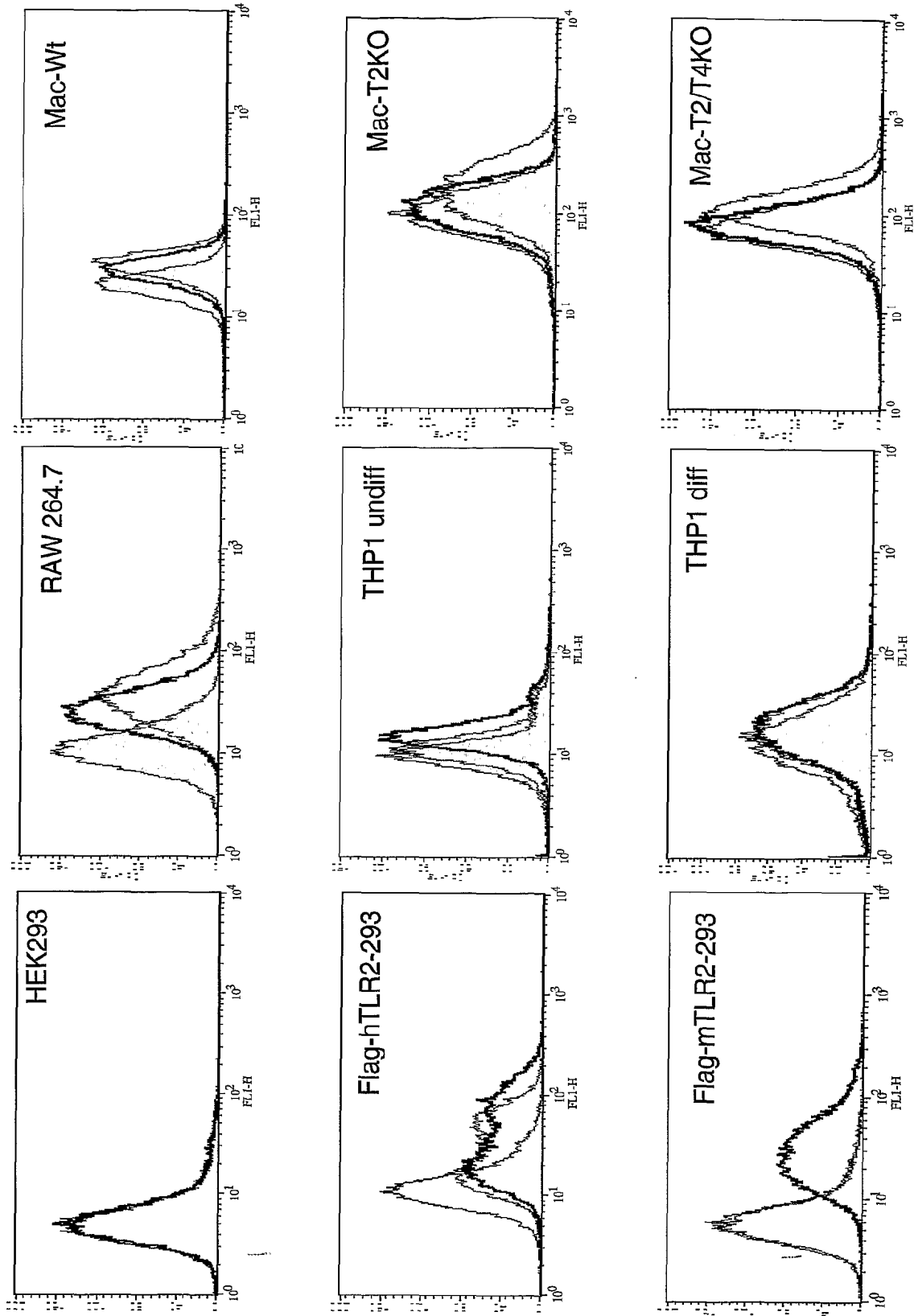


Fig. 8

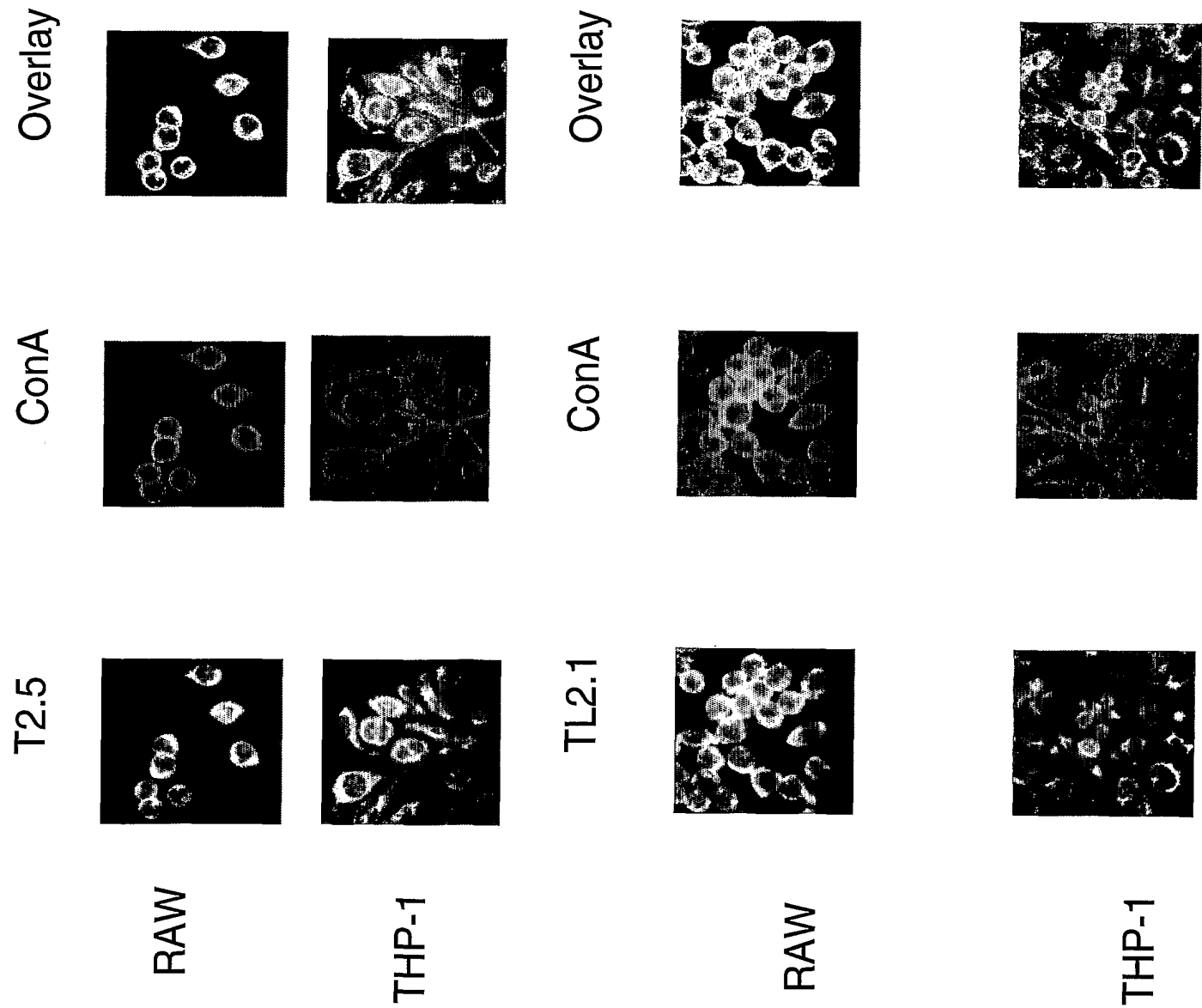




Fig. 9

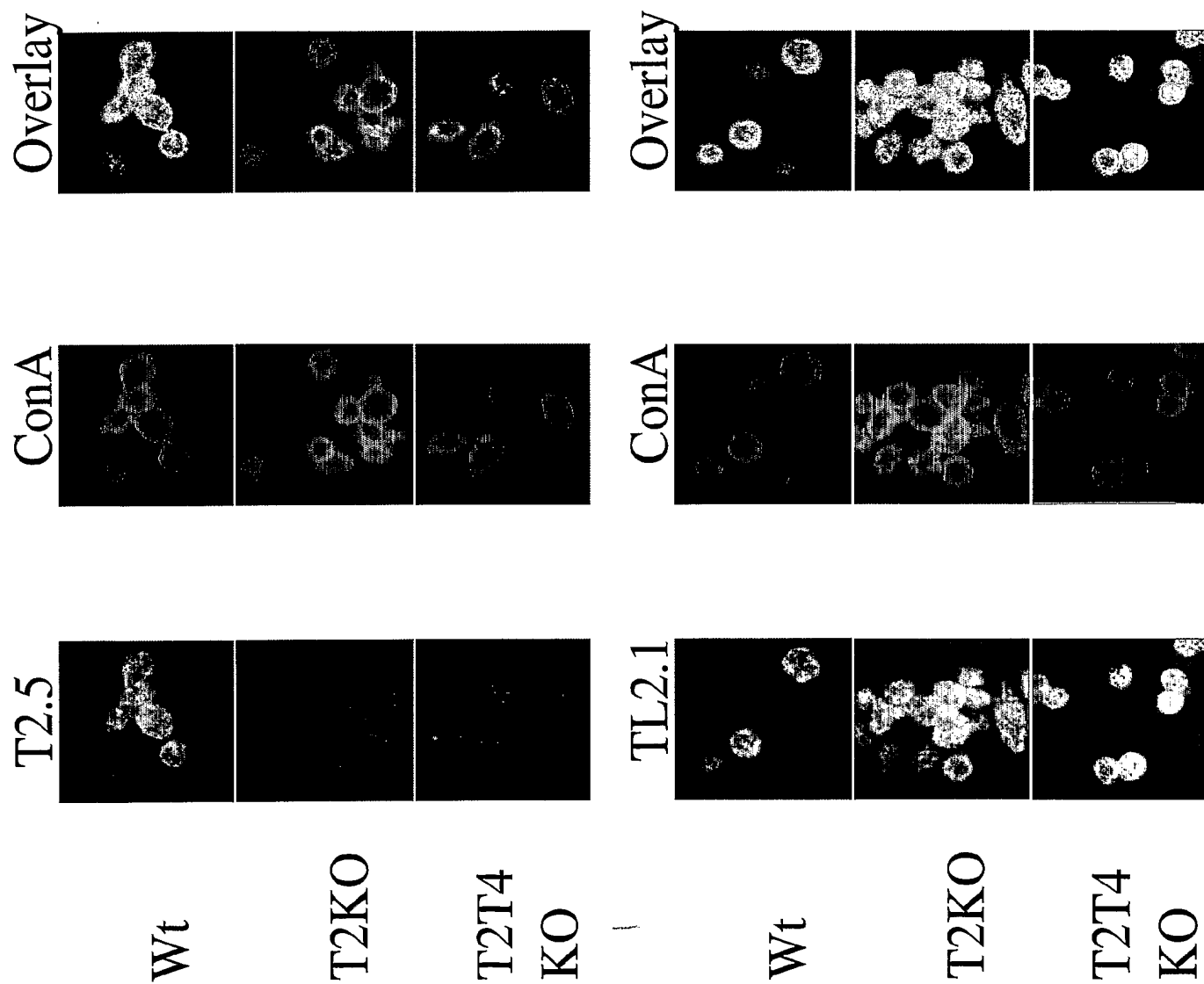


Fig. 10

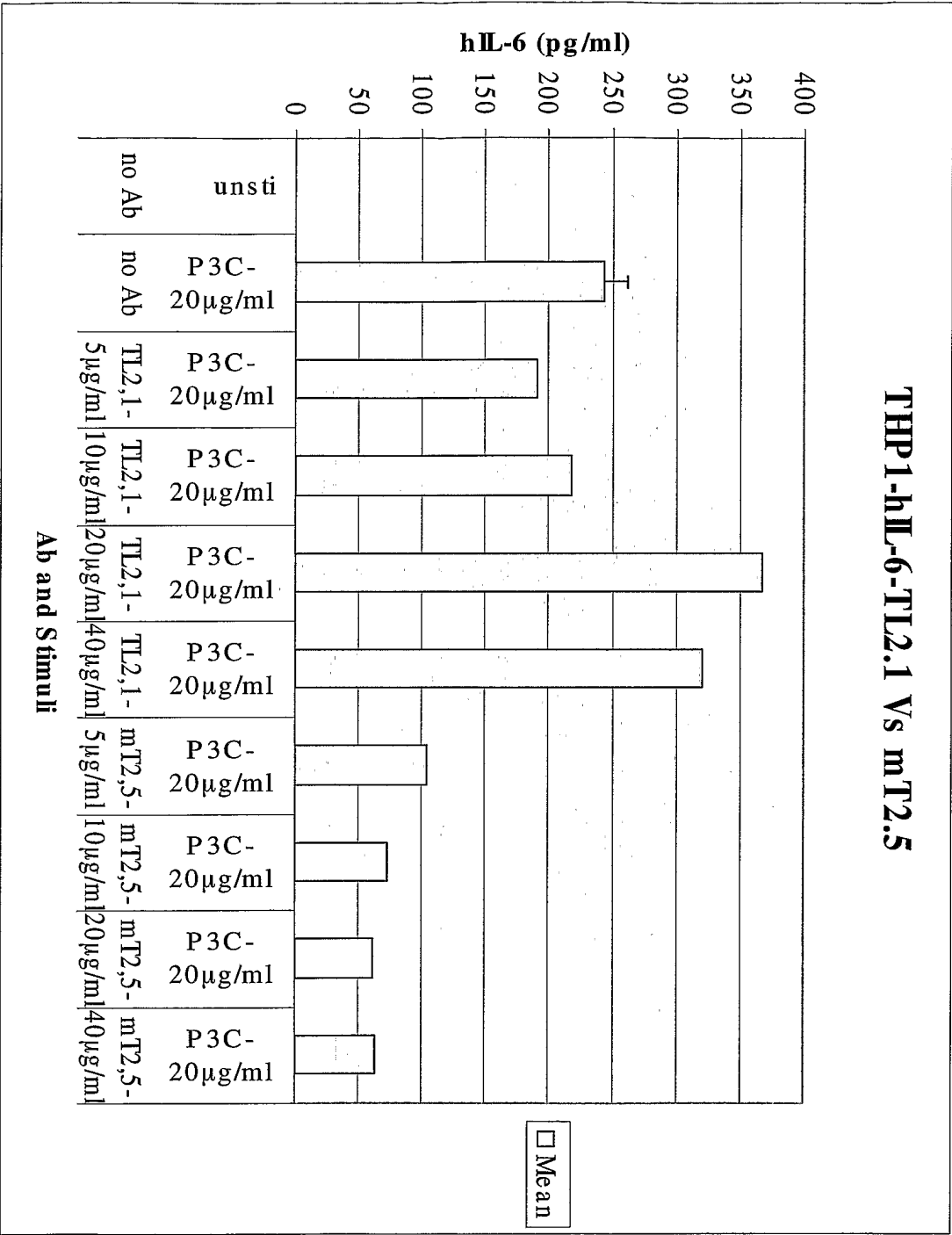


Fig. 11

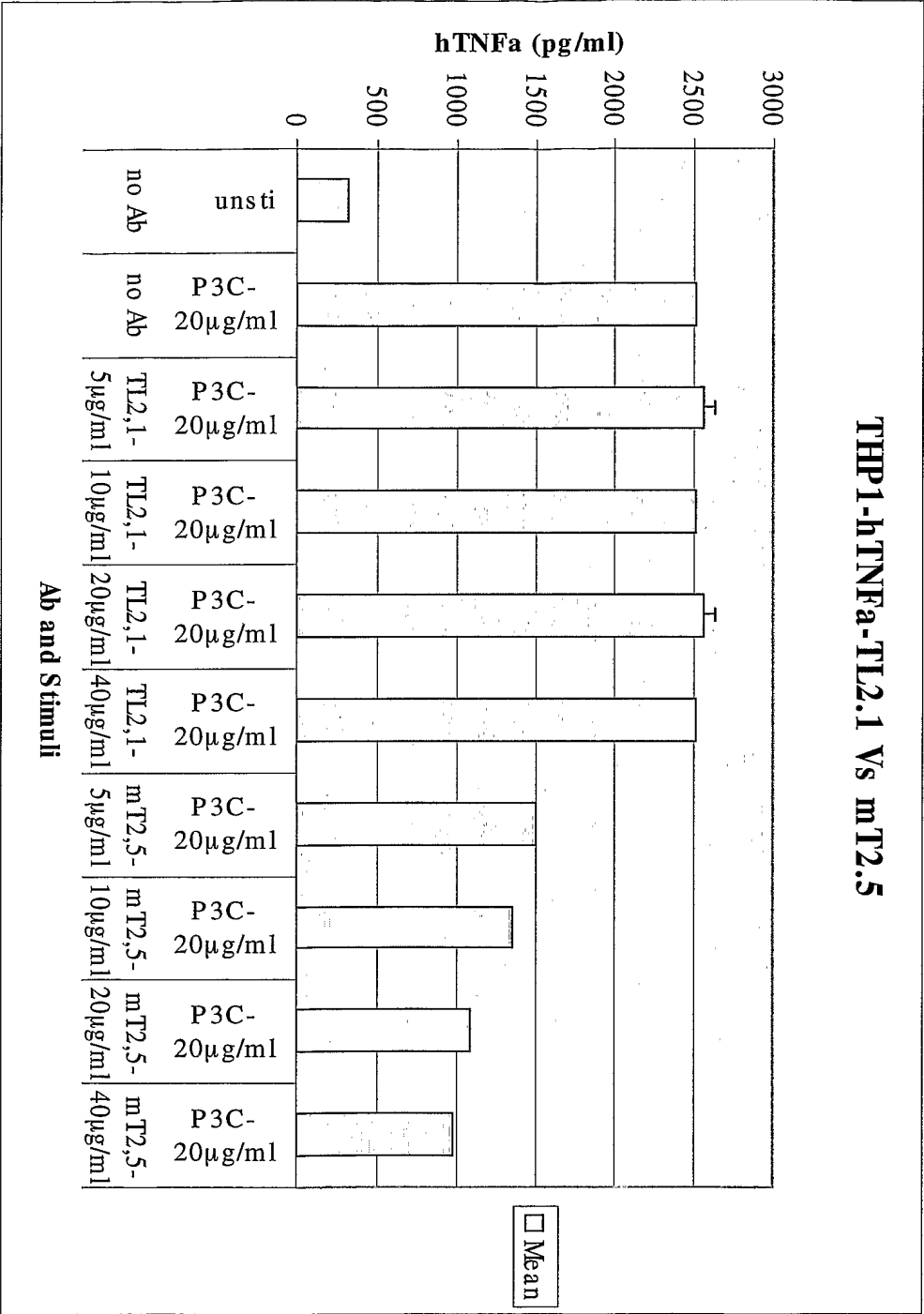


Fig. 12

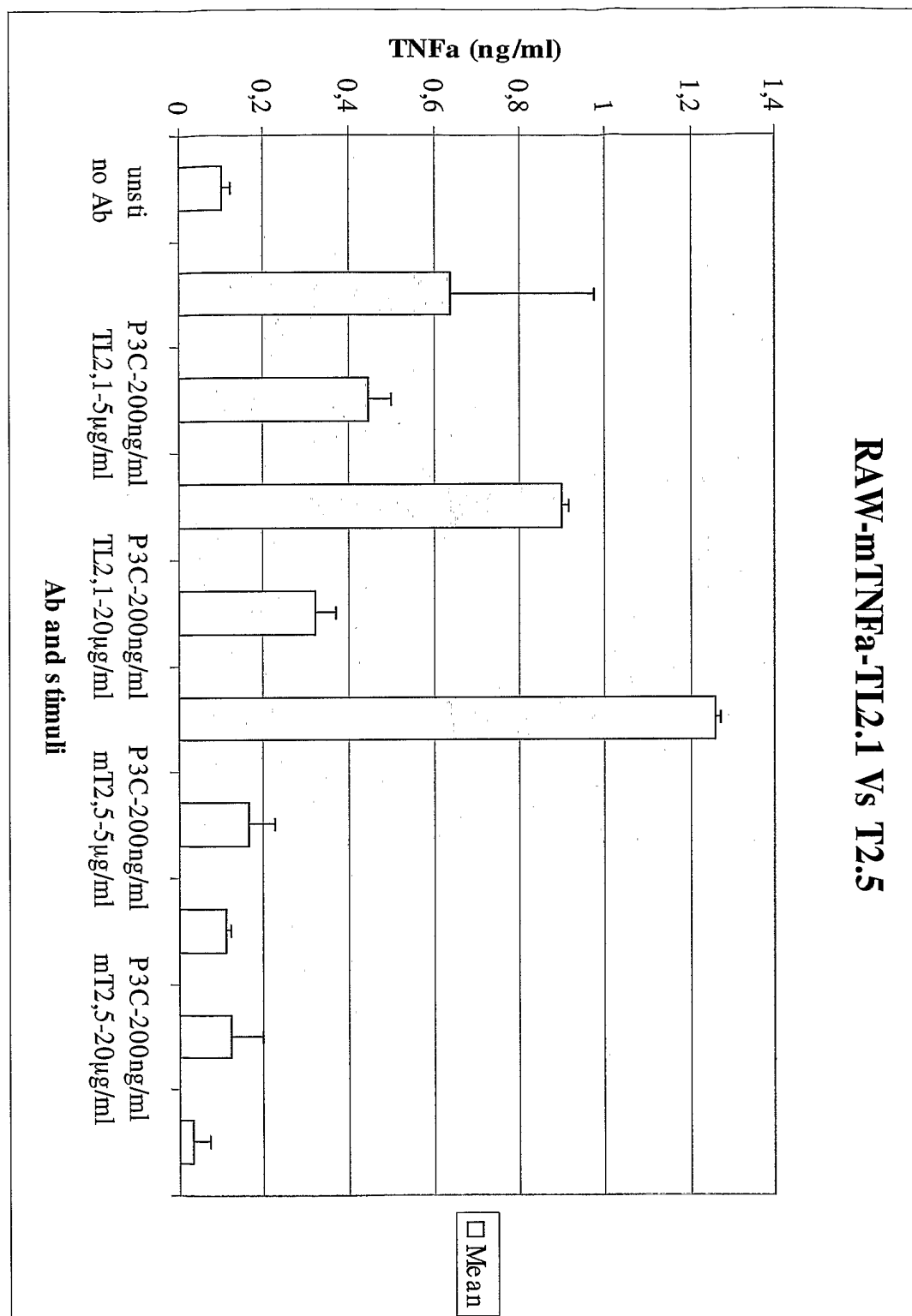


Fig. 13

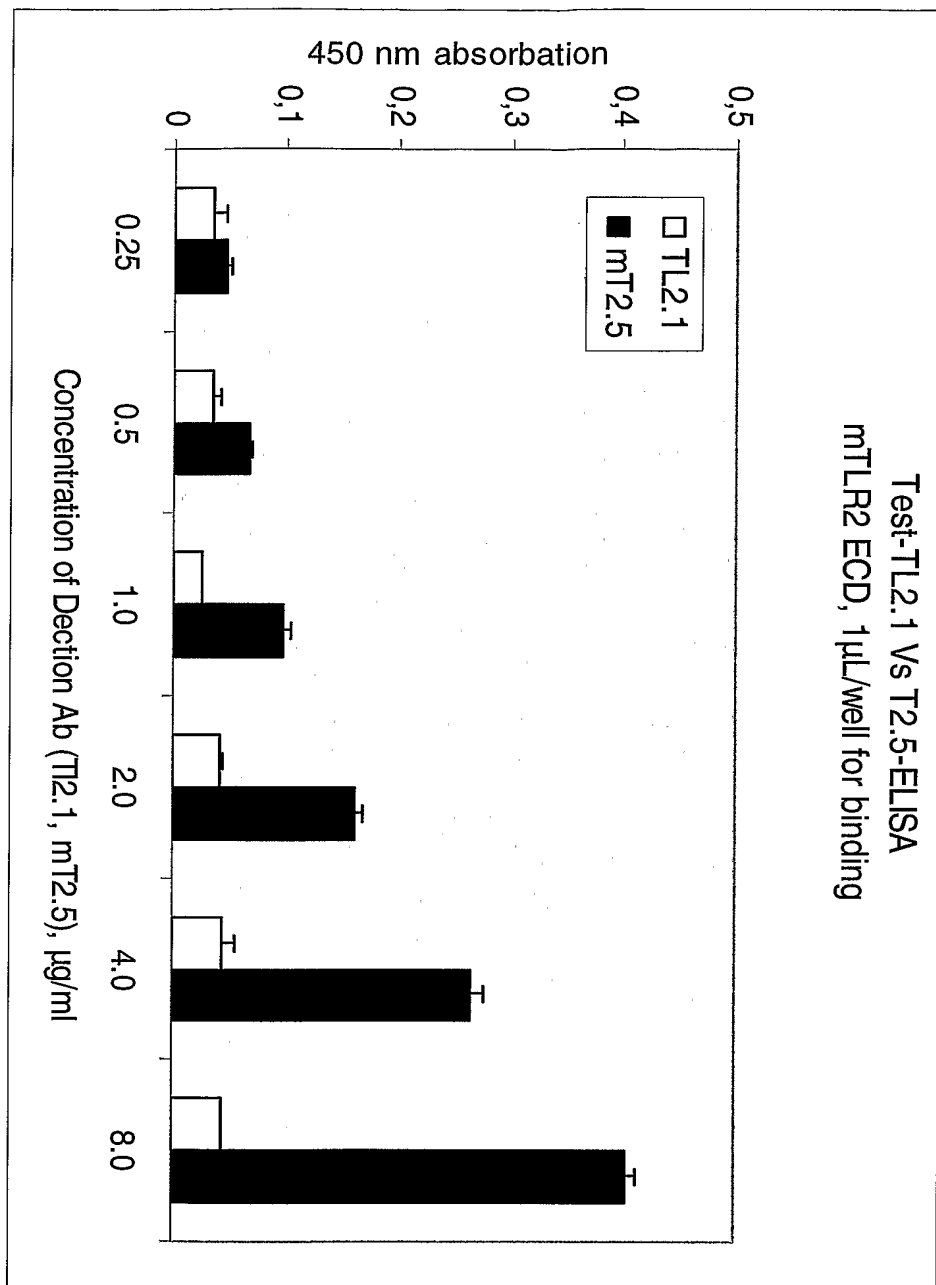


Fig. 14

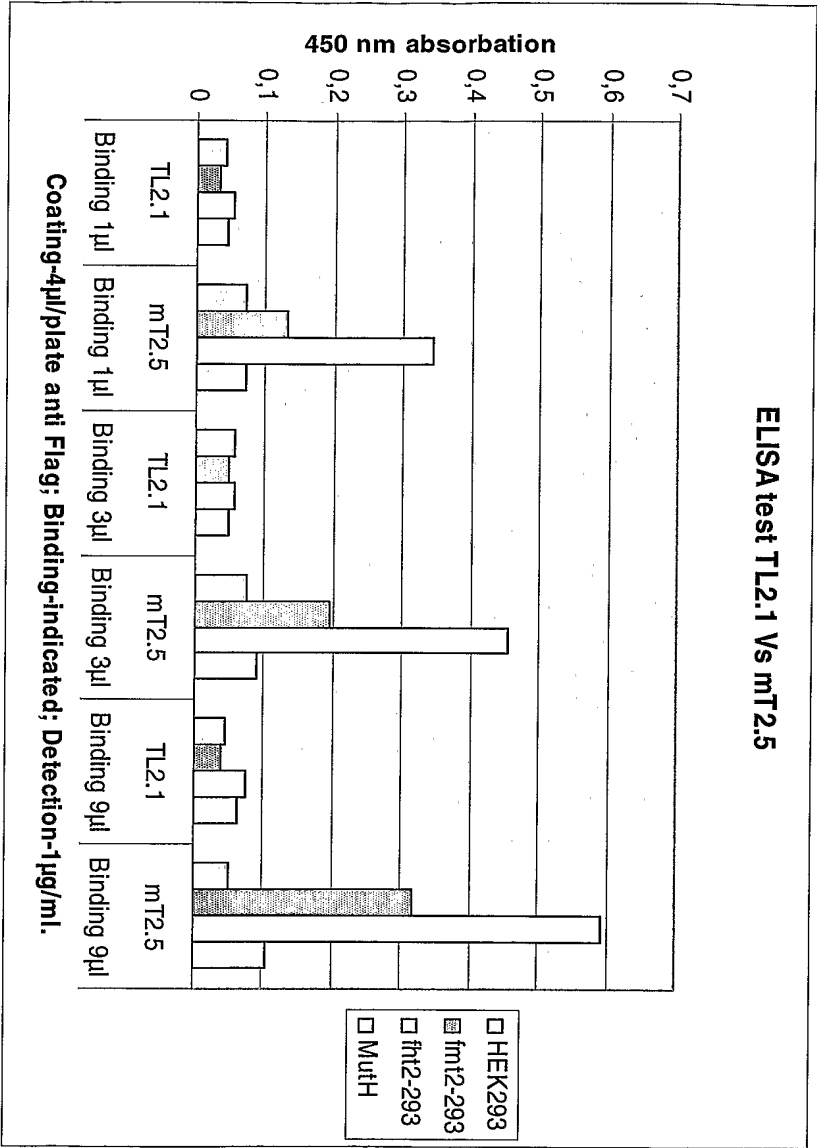
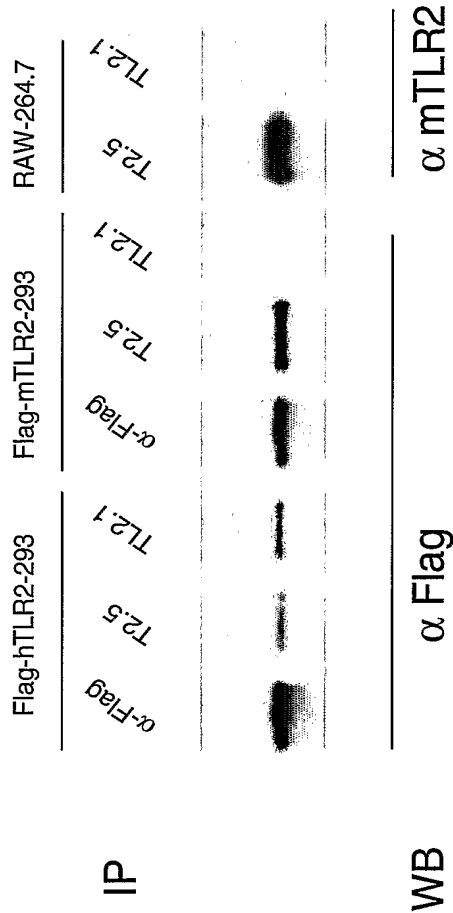
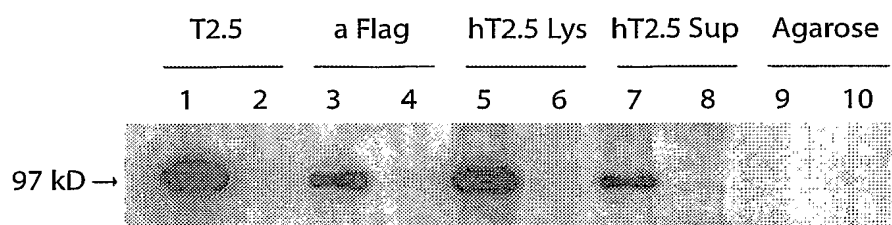


Fig. 15





Abs for IP, as indicated, hT2.5 stands for linearized T2.5 heavy chain and light chain fused with C terminal human IgG1 Fc.

Ags for IP, for lanes 1, 3, 5, 7, 9, it was lysates from HEK 293 cells over expressing Flag tagged mouse TLR2 for lanes 2, 4, 6, 8, 10, it was lysates from HEK293 cells without any transfection.

WB was done with anti Flag poly clonal sera. Bands at 97 kD resolved on 10 % SDS-PAGE gel indicate the position of Flag tagged murine TLR2 upon overexpression in HEK 293 cells precipitated with Abs.

Fig 16



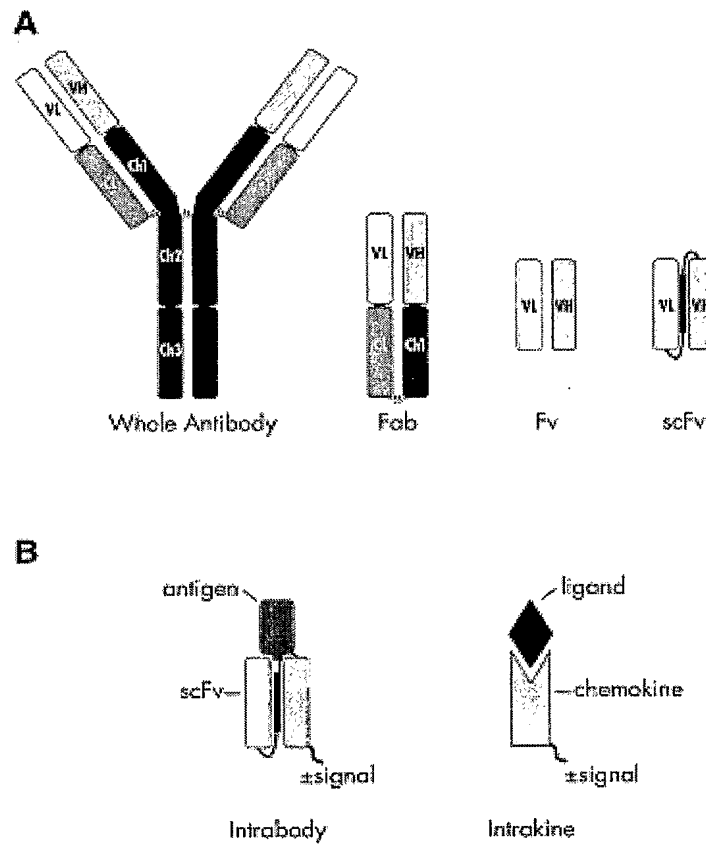


Fig. 16 A1

Fig. 16 A2

*Expression construct for single chain  
and partially humanized anti TLR2 antibody*

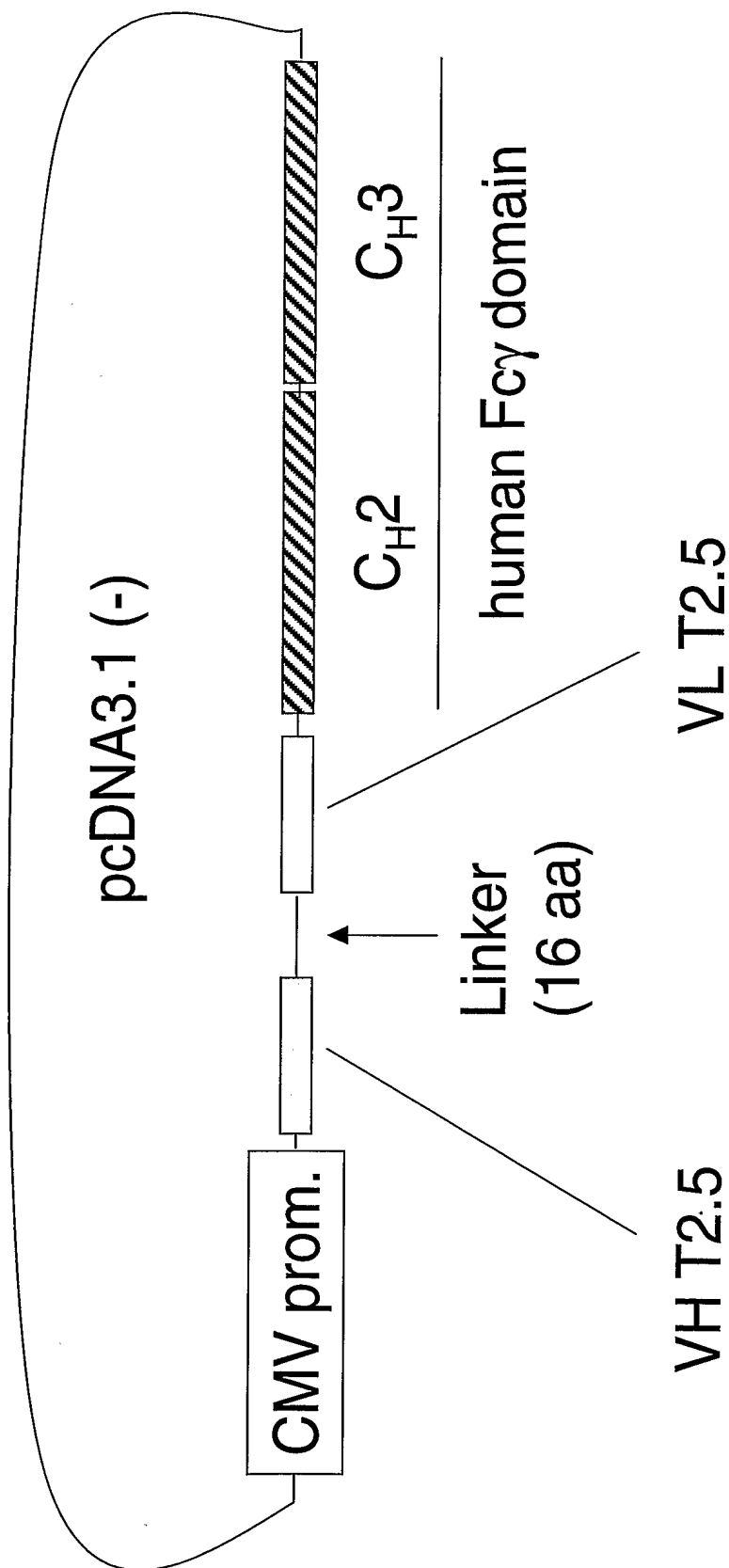
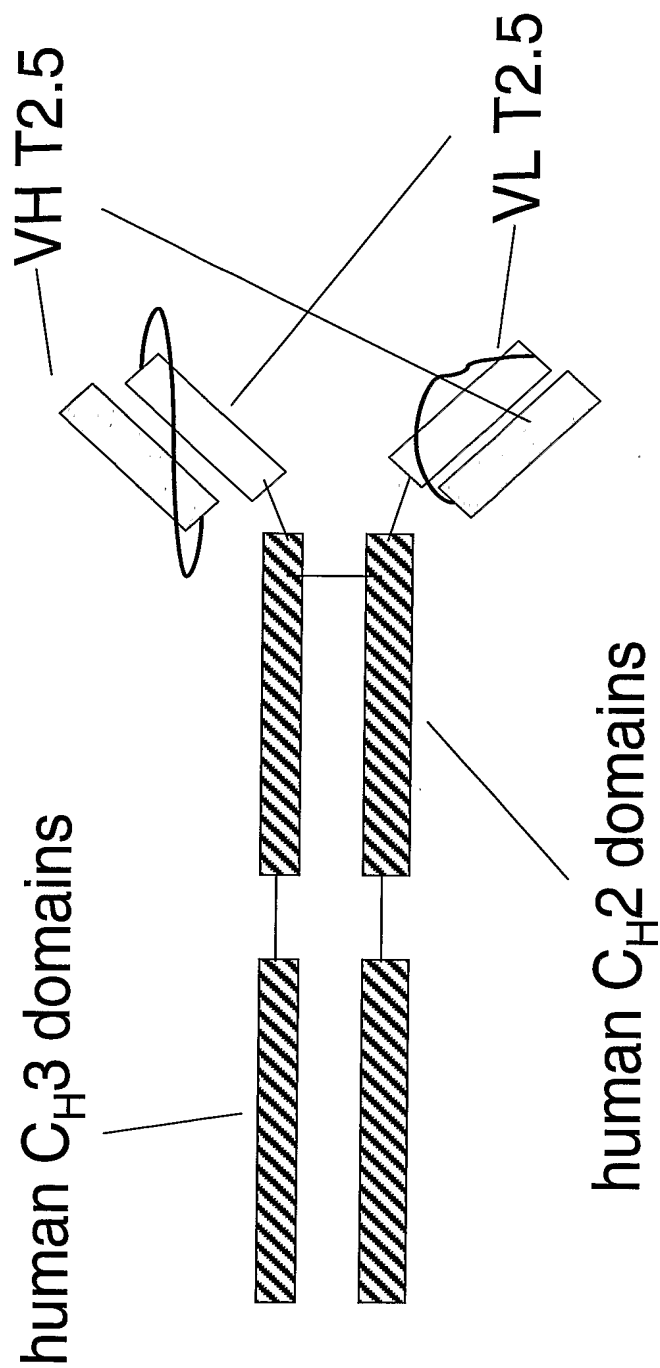


Fig. 16 A3

# *Partially humanized anti TLR2 Ab*



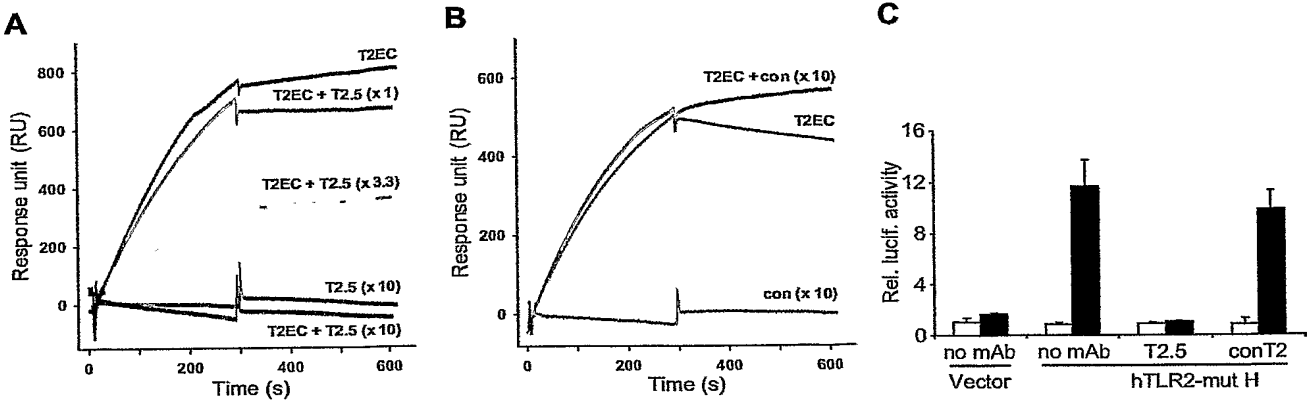


Fig. 17

**Inhibitory effect of partially humanized T2.5 (hT2.5) on activation of TLR2-overexpressing cells upon PAMP challenge**

Fig. 18

